Dec. 13, 1955 B. B. LEVINE 2,726,668

PARASOL

Filed July 24, 1952

Fig. 1

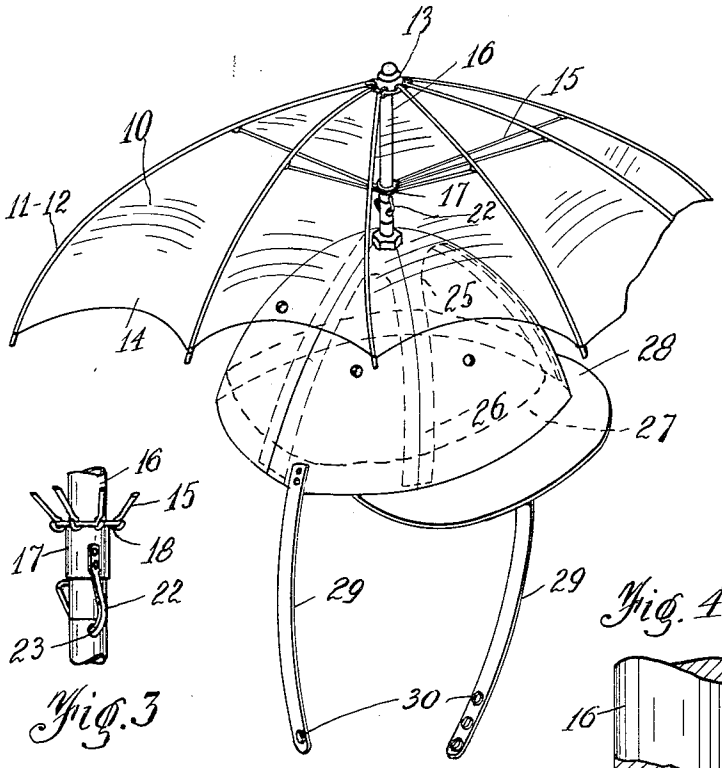


Fig. 2

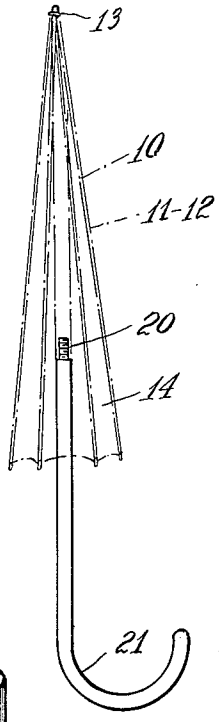


Fig. 3

Fig. 4

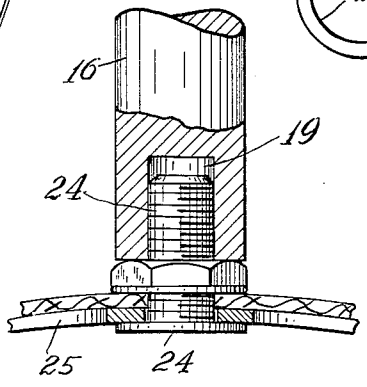
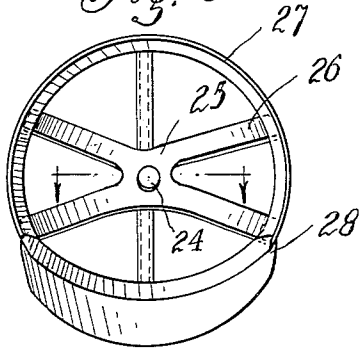


Fig. 5



Benjamin B. Levine
INVENTOR.

BY Ralph Donath
Attorney

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PARASOL

Benjamin B. Levine, Pittsburgh, Pa.

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4 Claims. (Cl. 135—16)

This invention relates to parasols and particularly to interchangeable parasols that may be either mounted on and secured to the head gear of a wearer or carried in the hand in a manner of a conventional parasol.

A great variety of parasol structures have heretofore been proposed but all have been of limited usefulness. There has long been a need for a parasol structure which could be quickly converted from a conventional hand carried parasol to a parasol which would leave both hands of the wearer free.

One object of this invention is accordingly to provide a parasol which may be quickly converted from a hand carried parasol to a parasol mounted on a head gear.

Another object of this invention is to provide an interchangeable parasol which, when fixed to a head-gear or a carrying handle, is positively locked thereon against removal until a positive act of the user releases it.

A further object of this invention is to provide a combination head-gear and removable parasol and an interchangeable parasol handle which may be substituted for the head-gear.

Other objects and advantages of this invention will become apparent from a consideration of the accompanying drawings in which:

Figure 1 is a perspective view of a combination head-gear and removable parasol.

Figure 2 is a side elevation of a handle for substitution for the head-gear of Figure 1.

Figure 3 is a side elevation of the parasol locking mechanism.

Figure 4 is a fragmentary side view partly in section showing the connection between the head-gear and the parasol.

Figure 5 is a bottom plan view of the head-gear of Figure 1 showing the internal structure thereof.

Referring to the drawings there is illustrated a parasol 10 having a conventional spider frame 11 made up of ribs 12 pivoted to a common top member 13 and a cover 14 of fabric or other suitable material. Side elevating arms 15 are pivoted at one end to the ribs 12 at a point intermediate their ends for raising and lowering the ribs into extended position. The ribs 12 of the frame 11 are pivoted at one end to the top member 13 and are secured at the opposite end to the fabric cover 14, so as to stretch the fabric taut over the spider frame 11. The top or tip 13 is fixed to one end of a center post 16. One end of the elevating arms 15 is connected to the ribs 12 as indicated above, the opposite end of each elevating arm is pivotally attached to a cylindrical operating or guide sleeve 17 that fits over and is slidable on the center post 16. This operating sleeve 17 is provided with a flange 18 intermediate its ends upon which the ends of the elevating arms are pivoted and supported.

The end of the center post opposite the tip 13 is provided with a threaded opening 19 which is adapted to receive a stud 20 on the end of a conventional handle 21. A resilient locking member 22 is provided on the guide sleeve 17 and is adapted to enter an opening 23 in the center post and stud 20, thereby preventing the center post 16 from unscrewing from the stud 20 when the parasol is in use.

The threaded opening 19 is also adapted to receive

interchangeably with the stud 20 on the end of a handle 21 a stud 24 mounted on a resilient supporting frame 25 preferably made up of light spring stock ribs 26 connected together at their ends by an elastic band 27 and fitted in a head-gear 28 fitted with suitable means such as a chin strap 29 to prevent the parasol from being blown from the head of the wearer. The chin strap is provided with suitable adjusting means such as a plurality of snaps 30 to permit it to be adjusted to the head of the wearer. This arrangement of ribs 26 and elastic band 27 permits the frame 25 to automatically adjust itself to any head size.

The parasol may be quickly converted from a hand carried parasol to one worn on the head by simply releasing the locking member 22, unscrewing the center post 16 from the handle stud 20 then screwing it onto the stud 24 on the head-gear 26 and locking it in place with the locking member 22 (see Figure 1). Thus the parasol is quickly adapted to any use at the desire of the user without any difficulty.

When the parasol is not in use, it may be folded and held together by a strip and snap in the usual manner of parasols.

While there is illustrated and described above a present preferred embodiment of the invention it will be understood that it may be otherwise embodied within the scope of the following claims.

I claim:

1. A parasol comprising a center post, a plurality of ribs pivoted at one end of said post and extending generally radially outwardly therefrom, a cover over said ribs, an elevating ring slidable on said center post, means for maintaining said ring at a predetermined fixed position on said post, elevator arms pivoted on the elevator ring and intermediate the ends of the ribs, means on the center post removably receiving a screw stud mounted on radially extending resilient ribs, locking means on the elevator ring engaging said screw stud to prevent removal of the stud from the center post and head-gear means surrounding the resilient ribs carrying the screw stud whereby said ribs fit upon and engage the head of a wearer.

2. A parasol comprising a center post, a plurality of ribs pivoted at one end of said post and extending generally radially outwardly therefrom, a fabric covering over said ribs, an elevating ring slidable on said center post, means for maintaining said ring at a predetermined fixed position on said post, elevator arms pivoted on the elevator ring and intermediate the ends of the ribs, means on the center post removably and interchangeably receiving a threaded end on a carrying handle and a stud mounted on radially extending resilient ribs surrounded by a head-gear means whereby said ribs fit upon and engage the head of a wearer and locking means on said elevator ring engaging said carrying handle and said stud to prevent accidental removal from the center post.

3. A parasol as claimed in claim 2 in which the means receiving the carrying handle and the stud is a threaded opening into which the carrying handle and the stud are interchangeably threaded.

4. A parasol as claimed in claim 2 in which the ends of the stud carrying resilient ribs are connected together by an elastic band forming the head band of the head-gear.

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